Group 18

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Operations list:

* Addition (1) 0000
* Subtract and set zero (1) 0001
* Multiply (4)
  + To hi, lo 0010
  + unsigned to hi, lo 0011
  + multiply and add to hi, lo 0100
  + multiply and subtract to hi, lo 0101
* AND (1) 0110
* Or (1) 0111
* XOR (1) 1000
* NOR (1) 1001
* Shift (3)
  + Logical
    - Left 1010
    - Right 1011
  + Arithmetic
    - Right 1100
* Rotate right (1) 1101
* Set Less Than (1) 1110

Total: 15 = 4 bits